

\* \* \* \* \* STN Columbus \* \*  
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FILE 'HOME' ENTERED AT 09:36:46 ON 27 MAY 2004

=> file medline  
COST IN U.S. DOLLARS  
SINCE FILE TOTAL

ENTRY SESSION  
FULL ESTIMATED COST  
0.42 0.42

FILE 'MEDLINE' ENTERED AT 09:37:44 ON 27 MAY 2004

FILE LAST UPDATED: 26 MAY 2004 (20040526/UP).  
FILE COVERS 1951 TO DATE.

=> s cyclic nucleotide  
130726 CYCLIC  
111215 NUCLEOTIDE  
L1 9781 CYCLIC NUCLEOTIDE  
(CYCLIC(W)NUCLEOTIDE)

=> s l1(2a)channel#  
147038 CHANNEL#  
L2 601 L1(2A)CHANNEL#

=> s l2(p)receptor#  
645658 RECEPTOR#  
L3 118 L2(P)RECEPTOR#

=> d 1-118 ti so

L3 ANSWER 1 OF 118 MEDLINE on STN  
TI Extensive duplications of  
phototransduction genes in early vertebrate  
evolution correlate with block  
(chromosome) duplications.  
SO Genomics, (2004 May) 83 (5) 852-72.  
Journal code: 8800135. ISSN: 0888-7543.

L3 ANSWER 2 OF 118 MEDLINE on STN  
TI Expression of connexin36 in cone pedicles  
and OFF-cone bipolar cells of  
the mouse retina.  
SO Journal of neuroscience : official  
journal of the Society for  
Neuroscience, (2004 Mar 31) 24 (13) 3325-  
34.  
Journal code: 8102140. ISSN: 1529-2401.

L3 ANSWER 3 OF 118 MEDLINE on STN  
TI Second messenger cascade of glial  
responses evoked by interneuron activity  
and by a myomodulin peptide in the leech  
central nervous system.  
SO European journal of neuroscience, (2004  
Feb) 19 (4) 983-92.  
Journal code: 8918110. ISSN: 0953-816X.

L3 ANSWER 4 OF 118 MEDLINE on STN  
TI Pacemaker channels and sinus node  
arrhythmia.  
SO Trends in cardiovascular medicine, (2004  
Jan) 14 (1) 23-8. Ref: 38  
Journal code: 9108337. ISSN: 1050-1738.

L3 ANSWER 5 OF 118 MEDLINE on STN

TI Characterization of recombinant and  
native Ih-channels from Apis  
mellifera.  
SO Insect biochemistry and molecular  
biology, (2003 Nov) 33 (11) 1123-34.  
Journal code: 9207282. ISSN: 0965-1748.

L3 ANSWER 6 OF 118 MEDLINE on STN  
TI High-throughput real-time monitoring of  
G(s)-coupled \*\*\*receptor\*\*\*  
activation in intact cells using  
\*\*\*cyclic\*\*\* \*\*\*nucleotide\*\*\*  
-gated \*\*\*channels\*\*\*  
SO European journal of pharmacology, (2003  
Sep 30) 478 (1) 27-34.  
Journal code: 1254354. ISSN: 0014-2999.

L3 ANSWER 7 OF 118 MEDLINE on STN  
TI The Ca-activated Cl channel and its  
control in rat olfactory receptor  
neurons.  
SO Journal of general physiology, (2003 Sep)  
122 (3) 349-63.  
Journal code: 2985110R. ISSN: 0022-1295.

L3 ANSWER 8 OF 118 MEDLINE on STN  
TI Activation of purinergic receptor  
subtypes modulates odor sensitivity.  
SO Journal of neuroscience : official  
journal of the Society for  
Neuroscience, (2003 Sep 10) 23 (23) 8291-  
301.  
Journal code: 8102140. ISSN: 1529-2401.

L3 ANSWER 9 OF 118 MEDLINE on STN  
TI Presence of Ca2+-dependent K+ channels in  
chemosensory cilia support a  
role in odor transduction.  
SO Journal of neurophysiology, (2003 Sep) 90  
(3) 2022-8.  
Journal code: 0375404. ISSN: 0022-3077.

L3 ANSWER 10 OF 118 MEDLINE on STN  
TI Calcium, the two-faced messenger of  
olfactory transduction and adaptation.  
SO Current opinion in neurobiology, (2003  
Aug) 13 (4) 469-75. Ref: 49  
Journal code: 9111376. ISSN: 0959-4388.

L3 ANSWER 11 OF 118 MEDLINE on STN  
TI Functionally important calmodulin-binding  
sites in both NH2- and  
COOH-terminal regions of the cone  
photoreceptor cyclic nucleotide-gated  
channel CNGB3 subunit.  
SO Journal of biological chemistry, (2003  
Jul 4) 278 (27) 24617-23.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 12 OF 118 MEDLINE on STN  
TI Search for new cyclic AMP-binding  
proteins.  
SO FEBS letters, (2003 Jul 3) 546 (1) 103-7.  
Ref: 33  
Journal code: 0155157. ISSN: 0014-5793.

L3 ANSWER 13 OF 118 MEDLINE on STN  
TI Contribution of \*\*\*cyclic\*\*\* -  
\*\*\*nucleotide\*\*\* -gated  
\*\*\*channels\*\*\* to the resting  
conductance of olfactory \*\*\*receptor\*\*\*

neurons.  
SO Biophysical journal, (2003 May) 84 (5)  
3425-35.

Journal code: 0370626. ISSN: 0006-3495.

L3 ANSWER 14 OF 118 MEDLINE on STN  
TI Vasoactive intestinal polypeptide and  
pituitary adenylate  
cyclase-activating polypeptide activate  
hyperpolarization-activated

cationic current and depolarize  
thalamocortical neurons in vitro.

SO Journal of neuroscience : official  
journal of the Society for  
Neuroscience, (2003 Apr 1) 23 (7) 2751-8.  
Journal code: 8102140. ISSN: 1529-2401.

L3 ANSWER 15 OF 118 MEDLINE on STN  
TI Functional roles of loops 3 and 4 in the  
cyclic nucleotide binding domain  
of cyclic AMP receptor protein from  
Escherichia coli.

SO Journal of biological chemistry, (2003  
Apr 11) 278 (15) 13235-43.

Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 16 OF 118 MEDLINE on STN  
TI Intracellular calcium measurements of  
single human skin cells after  
stimulation with corticotropin-releasing  
factor and urocortin using  
confocal laser scanning microscopy.

SO Journal of cell science, (2003 Apr 1) 116  
(Pt 7) 1261-8.

Journal code: 0052457. ISSN: 0021-9533.

L3 ANSWER 17 OF 118 MEDLINE on STN  
TI Presynaptic cyclic nucleotide-gated ion  
channels modulate  
neurotransmission in the mammalian  
olfactory bulb.

SO Neuron, (2003 Feb 20) 37 (4) 639-47.

Journal code: 8809320. ISSN: 0896-6273.

L3 ANSWER 18 OF 118 MEDLINE on STN  
TI Tuning outer segment Ca<sup>2+</sup> homeostasis to  
phototransduction in rods and  
cones.

SO Advances in experimental medicine and  
biology, (2002) 514 179-203. Ref:  
82

Journal code: 0121103. ISSN: 0065-2598.

L3 ANSWER 19 OF 118 MEDLINE on STN  
TI The C. elegans che-1 gene encodes a zinc  
finger transcription factor  
required for specification of the ASE  
chemosensory neurons.

SO Development (Cambridge, England), (2003  
Apr) 130 (7) 1215-24.

Journal code: 8701744. ISSN: 0950-1991.

L3 ANSWER 20 OF 118 MEDLINE on STN  
TI Oscillatory current responses of  
olfactory receptor neurons to odorants  
and computer simulation based on a cyclic  
AMP transduction model.

SO Chemical senses, (2002 Nov) 27 (9) 789-  
801.

Journal code: 8217190. ISSN: 0379-864X.

L3 ANSWER 21 OF 118 MEDLINE on STN  
TI Dual effects of spinally delivered 8-  
bromo-cyclic guanosine mono-phosphate  
(8-bromo-cGMP) in formalin-induced  
nociception in rats.

SO Neuroscience letters, (2002 Oct 31) 332  
(2) 146-50.

Journal code: 7600130. ISSN: 0304-3940.

L3 ANSWER 22 OF 118 MEDLINE on STN  
TI Genes for calcium-permeable channels in  
the plasma membrane of plant root  
cells.

SO Biochimica et biophysica acta, (2002 Aug  
31) 1564 (2) 299-309. Ref: 101

Journal code: 0217513. ISSN: 0006-3002.

L3 ANSWER 23 OF 118 MEDLINE on STN  
TI Channel modulators affect PGE(2) binding  
to bovine aortic endothelial  
cells.

SO Biochimica et biophysica acta, (2002 Mar  
15) 1570 (2) 113-20.

Journal code: 0217513. ISSN: 0006-3002.

L3 ANSWER 24 OF 118 MEDLINE on STN  
TI The 5-HT(4) receptor-induced  
depolarization in rat hippocampal neurons is  
mediated by cAMP but is independent of  
I(h).

SO Neuroscience letters, (2002 May 10) 324  
(1) 1-4.

Journal code: 7600130. ISSN: 0304-3940.

L3 ANSWER 25 OF 118 MEDLINE on STN  
TI Cation channels in the Arabidopsis plasma  
membrane.

SO Trends in plant science, (2002 Apr) 7 (4)  
168-75. Ref: 66

Journal code: 9890299. ISSN: 1360-1385.

L3 ANSWER 26 OF 118 MEDLINE on STN  
TI The 5-hydroxytryptamine(4a) receptor is  
palmitoylated at two different  
sites, and acylation is critically  
involved in regulation of receptor  
constitutive activity.

SO Journal of biological chemistry, (2002  
Jan 25) 277 (4) 2534-46.

Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 27 OF 118 MEDLINE on STN  
TI Central role of the CNGA4 channel subunit  
in Ca<sup>2+</sup>-calmodulin-dependent  
odor adaptation.

SO Science, (2001 Dec 7) 294 (5549) 2172-5.  
Journal code: 0404511. ISSN: 0036-8075.

L3 ANSWER 28 OF 118 MEDLINE on STN  
TI Facilitation of calmodulin-mediated odor  
adaptation by cAMP-gated channel  
subunits.

SO Science, (2001 Dec 7) 294 (5549) 2176-8.  
Journal code: 0404511. ISSN: 0036-8075.

L3 ANSWER 29 OF 118 MEDLINE on STN  
TI The complex and intriguing lives of PIP2  
with ion channels and  
transporters.

SO Science's STKE [electronic resource] :  
signal transduction knowledge

environment, (2001 Dec 4) 2001 (111)  
RE19. Ref: 116  
Journal code: 100964423. ISSN: 1525-8882.

L3 ANSWER 30 OF 118 MEDLINE on STN  
TI Cyclic nucleotide-gated channels  
contribute to the cholinergic plateau  
potential in hippocampal CA1 pyramidal  
neurons.  
SO Journal of neuroscience : official  
journal of the Society for  
Neuroscience, (2001 Nov 15) 21 (22) 8707-  
14.  
Journal code: 8102140. ISSN: 1529-2401.

L3 ANSWER 31 OF 118 MEDLINE on STN  
TI Phosphorylation of voltage-gated ion  
channels in rat olfactory receptor  
neurons.  
SO European journal of neuroscience, (2001  
Oct) 14 (7) 1056-64.  
Journal code: 8918110. ISSN: 0953-816X.

L3 ANSWER 32 OF 118 MEDLINE on STN  
TI Hyperpolarization-activated channels HCN1  
and HCN4 mediate responses to  
sour stimuli.  
SO Nature, (2001 Oct 11) 413 (6856) 631-5.  
Journal code: 0410462. ISSN: 0028-0836.

L3 ANSWER 33 OF 118 MEDLINE on STN  
TI The hyperpolarization-activated current  
If in ventricular myocytes of  
non-transgenic and beta2-adrenoceptor  
overexpressing mice.  
SO Naunyn-Schmiedeberg's archives of  
pharmacology, (2001 Aug) 364 (2) 131-9.  
Journal code: 0326264. ISSN: 0028-1298.

L3 ANSWER 34 OF 118 MEDLINE on STN  
TI Developmentally regulated expression of a  
cyclic nucleotide-gated ion  
channel from Arabidopsis indicates its  
involvement in programmed cell  
death.  
SO Planta, (2001 Jul) 213 (3) 327-32.  
Journal code: 1250576. ISSN: 0032-0935.

L3 ANSWER 35 OF 118 MEDLINE on STN  
TI Anomalous mole-fraction effects in  
recombinant and native \*\*\*cyclic\*\*\*  
\*\*\*nucleotide\*\*\* -gated  
\*\*\*channels\*\*\* in rat olfactory  
\*\*\*receptor\*\*\* neurons.  
SO Proceedings of the Royal Society of  
London. Series B. Biological sciences,  
(2001 Jul 7) 268 (1474) 1395-403.  
Journal code: 7505889. ISSN: 0962-8452.

L3 ANSWER 36 OF 118 MEDLINE on STN  
TI The Stoichiometry of Gbeta gamma binding  
to G-protein-regulated inwardly  
rectifying K+ channels (GIRKs).  
SO Journal of biological chemistry, (2001  
Apr 6) 276 (14) 11409-13.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 37 OF 118 MEDLINE on STN  
TI Concurrent expression of recombination  
activating genes 1 and 2 in  
zebrafish olfactory sensory neurons.

SO Genesis (New York, N.Y. : 2000), (2001  
Apr) 29 (4) 156-62.  
Journal code: 100931242. ISSN: 1526-954X.

L3 ANSWER 38 OF 118 MEDLINE on STN  
TI Cardiac ion channel expression and  
contractile function in mice with  
deletion of thyroid hormone receptor  
alpha or beta.  
SO Endocrinology, (2001 Feb) 142 (2) 544-50.  
Journal code: 0375040. ISSN: 0013-7227.

L3 ANSWER 39 OF 118 MEDLINE on STN  
TI Modeling of membrane excitability in  
gonadotropin-releasing  
hormone-secreting hypothalamic neurons  
regulated by Ca2+-mobilizing and  
adenylyl cyclase-coupled receptors.  
SO Journal of neuroscience : official  
journal of the Society for  
Neuroscience, (2000 Dec 15) 20 (24) 9290-  
7.  
Journal code: 8102140. ISSN: 1529-2401.

L3 ANSWER 40 OF 118 MEDLINE on STN  
TI Genomic survey of cAMP and cGMP  
signalling components in the  
cyanobacterium Synechocystis PCC 6803.  
SO Microbiology (Reading, England), (2000  
Dec) 146 Pt 12 3183-94.  
Journal code: 9430468. ISSN: 1350-0872.

L3 ANSWER 41 OF 118 MEDLINE on STN  
TI Ion permeation and selectivity of wild-  
type recombinant rat CNG (rCNC1)  
channels expressed in HEK293 cells.  
SO Journal of membrane biology, (2000 Nov  
15) 178 (2) 137-50.  
Journal code: 0211301. ISSN: 0022-2631.

L3 ANSWER 42 OF 118 MEDLINE on STN  
TI Spontaneous gating of olfactory cyclic-  
nucleotide-gated channels.  
SO Journal of membrane biology, (2000 Nov 1)  
178 (1) 49-54.  
Journal code: 0211301. ISSN: 0022-2631.

L3 ANSWER 43 OF 118 MEDLINE on STN  
TI A cGMP-signaling pathway in a subset of  
olfactory sensory neurons.  
SO Proceedings of the National Academy of  
Sciences of the United States of  
America, (2000 Sep 12) 97 (19) 10595-600.  
Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 44 OF 118 MEDLINE on STN  
TI Cellular and molecular constituents of  
olfactory sensation in vertebrates.  
SO Comparative biochemistry and physiology.  
Part A, Molecular & integrative  
physiology, (2000 May) 126 (1) 17-32.  
Ref: 132  
Journal code: 9806096. ISSN: 1095-6433.

L3 ANSWER 45 OF 118 MEDLINE on STN  
TI Guanylyl cyclases as a family of putative  
odorant receptors.  
SO Annual review of neuroscience, (2000) 23  
417-39. Ref: 164  
Journal code: 7804039. ISSN: 0147-006X.

L3 ANSWER 46 OF 118 MEDLINE on STN  
 TI The cellular and molecular basis of odor adaptation.  
 SO Chemical senses, (2000 Aug) 25 (4) 473-81. Ref: 61  
 Journal code: 8217190. ISSN: 0379-864X.

L3 ANSWER 47 OF 118 MEDLINE on STN  
 TI Interactions of cyclic nucleotide-gated channel subunits and protein tyrosine kinase probed with genistein.  
 SO Journal of general physiology, (2000 Jun) 115 (6) 685-96.  
 Journal code: 2985110R. ISSN: 0022-1295.

L3 ANSWER 48 OF 118 MEDLINE on STN  
 TI Isolation and in vitro differentiation of conditionally immortalized murine olfactory receptor neurons.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (2000 May 15) 20 (10) 3695-704.  
 Journal code: 8102140. ISSN: 1529-2401.

L3 ANSWER 49 OF 118 MEDLINE on STN  
 TI Peripheral olfactory projections are differentially affected in mice deficient in a cyclic nucleotide-gated channel subunit.  
 SO Neuron, (2000 Apr) 26 (1) 81-91.  
 Journal code: 8809320. ISSN: 0896-6273.

L3 ANSWER 50 OF 118 MEDLINE on STN  
 TI Formation of precise connections in the olfactory bulb occurs in the absence of odorant-evoked neuronal activity.  
 SO Neuron, (2000 Apr) 26 (1) 69-80.  
 Journal code: 8809320. ISSN: 0896-6273.

L3 ANSWER 51 OF 118 MEDLINE on STN  
 TI Structural basis for ligand selectivity of heteromeric olfactory cyclic nucleotide-gated channels.  
 SO Biophysical journal, (2000 May) 78 (5) 2307-20.  
 Journal code: 0370626. ISSN: 0006-3495.

L3 ANSWER 52 OF 118 MEDLINE on STN  
 TI Cyclic GMP evoked calcium transients in olfactory receptor cell growth cones.  
 SO Neuroreport, (2000 Mar 20) 11 (4) 677-81.  
 Journal code: 9100935. ISSN: 0959-4965.

L3 ANSWER 53 OF 118 MEDLINE on STN  
 TI From worm to man: three subfamilies of TRP channels.  
 SO Trends in neurosciences, (2000 Apr) 23 (4) 159-66. Ref: 66  
 Journal code: 7808616. ISSN: 0166-2236.

L3 ANSWER 54 OF 118 MEDLINE on STN  
 TI Genetics of chemotaxis and thermotaxis in the nematode *Caenorhabditis elegans*.  
 SO Annual review of genetics, (1999) 33 399-422. Ref: 96  
 Journal code: 0117605. ISSN: 0066-4197.

L3 ANSWER 55 OF 118 MEDLINE on STN  
 TI Localization of the olfactory cyclic nucleotide-gated channel subunit 1 in normal, embryonic and regenerating olfactory epithelium.  
 SO Neuroscience, (1999) 94 (1) 131-40.  
 Journal code: 7605074. ISSN: 0306-4522.

L3 ANSWER 56 OF 118 MEDLINE on STN  
 TI \*\*\*Cyclic\*\*\* \*\*nucleotide\*\*\* - gated \*\*\*channel\*\*\* activation is not required for activity-dependent labeling of zebrafish olfactory \*\*\*receptor\*\*\* neurons by amino acids.  
 SO Biological signals and receptors, (1999 Nov-Dec) 8 (6) 338-47.  
 Journal code: 9808792. ISSN: 1422-4933.

L3 ANSWER 57 OF 118 MEDLINE on STN  
 TI Characterization of a plasma membrane calcium oscillator in rat pituitary somatotrophs.  
 SO Journal of biological chemistry, (1999 Dec 10) 274 (50) 35693-702.  
 Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 58 OF 118 MEDLINE on STN  
 TI Serotonin regulation of neurite outgrowth in identified neurons from mature and embryonic *Helisoma trivolvis*.  
 SO Perspectives on developmental neurobiology, (1998) 5 (4) 373-87. Ref: 98  
 Journal code: 9417971. ISSN: 1064-0517.

L3 ANSWER 59 OF 118 MEDLINE on STN  
 TI Targeted deletion of a cyclic nucleotide-gated channel subunit (OCN1): biochemical and morphological consequences in adult mice.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (1999 Nov 1) 19 (21) 9313-21.  
 Journal code: 8102140. ISSN: 1529-2401.

L3 ANSWER 60 OF 118 MEDLINE on STN  
 TI Identification of NFI-binding sites and cloning of NFI-cDNAs suggest a regulatory role for NFI transcription factors in olfactory neuron gene expression.  
 SO Brain research. Molecular brain research, (1999 Sep 8) 72 (1) 65-79.  
 Journal code: 8908640. ISSN: 0169-328X.

L3 ANSWER 61 OF 118 MEDLINE on STN  
 TI Olfactory receptor neurons exist as distinct subclasses of immature and mature cells in primary culture.  
 SO Neuroscience, (1999) 93 (4) 1301-12.  
 Journal code: 7605074. ISSN: 0306-4522.

L3 ANSWER 62 OF 118 MEDLINE on STN  
 TI Odorants suppress a voltage-activated K+ conductance in rat olfactory neurons.  
 SO Journal of neurophysiology, (1999 Jul) 82 (1) 226-36.  
 Journal code: 0375404. ISSN: 0022-3077.

L3 ANSWER 63 OF 118 MEDLINE on STN  
 TI Dual pharmacological properties of a cyclic AMP-sensitive potassium channel.  
 SO Journal of pharmacology and experimental therapeutics, (1999 Jul) 290 (1) 266-75.  
 Journal code: 0376362. ISSN: 0022-3565.

L3 ANSWER 64 OF 118 MEDLINE on STN  
 TI Both external and internal calcium reduce the sensitivity of the olfactory cyclic-nucleotide-gated channel to CAMP.  
 SO Journal of neurophysiology, (1999 Jun) 81 (6) 2675-82.  
 Journal code: 0375404. ISSN: 0022-3077.

L3 ANSWER 65 OF 118 MEDLINE on STN  
 TI TRP2: a candidate transduction channel for mammalian pheromone sensory signaling.  
 SO Proceedings of the National Academy of Sciences of the United States of America, (1999 May 11) 96 (10) 5791-6.  
 Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 66 OF 118 MEDLINE on STN  
 TI Widespread expression of olfactory cyclic nucleotide-gated channel genes in rat brain: implications for neuronal signalling.  
 SO Synapse (New York, N.Y.), (1999 Apr) 32 (1) 1-12.  
 Journal code: 8806914. ISSN: 0887-4476.

L3 ANSWER 67 OF 118 MEDLINE on STN  
 TI Blockade of a retinal cGMP-gated channel by polyamines.  
 SO Journal of general physiology, (1999 Jan) 113 (1) 35-43.  
 Journal code: 2985110R. ISSN: 0022-1295.

L3 ANSWER 68 OF 118 MEDLINE on STN  
 TI Molecular cloning of cDNA encoding the alpha unit of CNCG gene from human fetal heart.  
 SO Life sciences, (1998) 63 (17) 1555-62.  
 Journal code: 0375521. ISSN: 0024-3205.

L3 ANSWER 69 OF 118 MEDLINE on STN  
 TI Cyclic nucleotide-gated channels--mediators of NO:cGMP-regulated processes.  
 SO Naunyn-Schmiedeberg's archives of pharmacology, (1998 Jul) 358 (1) 140-4.  
 Ref: 58  
 Journal code: 0326264. ISSN: 0028-1298.

L3 ANSWER 70 OF 118 MEDLINE on STN  
 TI Imaging odor-induced calcium transients in single olfactory cilia: specificity of activation and role in transduction.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (1998 Aug 1) 18 (15) 5630-9.  
 Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 71 OF 118 MEDLINE on STN

TI The K<sup>+</sup> channel gene ether a go-go is required for the transduction of a subset of odorants in adult Drosophila melanogaster.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (1998 Aug 1) 18 (15) 5603-13.  
 Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 72 OF 118 MEDLINE on STN  
 TI The functional significance of multimerization in ion channels.  
 SO Current opinion in structural biology, (1998 Apr) 8 (2) 186-8. Ref: 8  
 Journal code: 9107784. ISSN: 0959-440X.

L3 ANSWER 73 OF 118 MEDLINE on STN  
 TI Regulation of cGMP-dependent current in On bipolar cells by calcium/calmodulin-dependent kinase.  
 SO Visual neuroscience, (1998 Mar-Apr) 15 (2) 257-61.  
 Journal code: 8809466. ISSN: 0952-5238.

L3 ANSWER 74 OF 118 MEDLINE on STN  
 TI Gustducin and its role in taste.  
 SO Journal of dental research, (1998 Apr) 77 (4) 539-44. Ref: 36  
 Journal code: 0354343. ISSN: 0022-0345.

L3 ANSWER 75 OF 118 MEDLINE on STN  
 TI The olfactory adenylyl cyclase type 3 is expressed in male germ cells.  
 SO FEBS letters, (1998 Mar 13) 424 (3) 216-20.  
 Journal code: 0155157. ISSN: 0014-5793.

L3 ANSWER 76 OF 118 MEDLINE on STN  
 TI Molecular neurogenetics of chemotaxis and thermotaxis in the nematode Caenorhabditis elegans.  
 SO BioEssays : news and reviews in molecular, cellular and developmental biology, (1997 Dec) 19 (12) 1055-64.  
 Ref: 72  
 Journal code: 8510851. ISSN: 0265-9247.

L3 ANSWER 77 OF 118 MEDLINE on STN  
 TI Phosphorylation of mammalian olfactory cyclic nucleotide-gated channels increases ligand sensitivity.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (1998 Jan 1) 18 (1) 164-73.  
 Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 78 OF 118 MEDLINE on STN  
 TI OSM-9, a novel protein with structural similarity to channels, is required for olfaction, mechanosensation, and olfactory adaptation in Caenorhabditis elegans.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (1997 Nov 1) 17 (21) 8259-69.  
 Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 79 OF 118 MEDLINE on STN

TI Concentration dependence of sodium permeation and sodium ion interactions in the cyclic AMP-gated channels of mammalian olfactory receptor neurons.  
SO Journal of membrane biology, (1997 Sep 1) 159 (1) 41-52.  
Journal code: 0211301. ISSN: 0022-2631.

L3 ANSWER 80 OF 118 MEDLINE on STN  
TI Mechanisms of modulation by internal protons of \*\*\*cyclic\*\*\*  
\*\*\*nucleotide\*\*\* -gated  
\*\*\*channels\*\*\* cloned from sensory  
\*\*\*receptor\*\*\* cells.  
SO Proceedings of the Royal Society of London. Series B. Biological sciences, (1997 Aug 22) 264 (1385) 1157-65.  
Journal code: 7505889. ISSN: 0962-8452.

L3 ANSWER 81 OF 118 MEDLINE on STN  
TI Cyclic GMP-gated channels in a sympathetic neuron cell line.  
SO Journal of general physiology, (1997 Aug) 110 (2) 155-64.  
Journal code: 2985110R. ISSN: 0022-1295.

L3 ANSWER 82 OF 118 MEDLINE on STN  
TI Ultrastructural aspects of olfactory signaling.  
SO Chemical senses, (1997 Jun) 22 (3) 295-311. Ref: 128  
Journal code: 8217190. ISSN: 0379-864X.

L3 ANSWER 83 OF 118 MEDLINE on STN  
TI Calcium entry through \*\*\*cyclic\*\*\*  
\*\*\*nucleotide\*\*\* -gated  
\*\*\*channels\*\*\* in individual cilia of olfactory \*\*\*receptor\*\*\* cells: spatiotemporal dynamics.  
SO Journal of neuroscience : official journal of the Society for Neuroscience, (1997 Jun 1) 17 (11) 4136-48.  
Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 84 OF 118 MEDLINE on STN  
TI Identification of a long-lasting form of odor adaptation that depends on the carbon Monoxide/cGMP second-messenger system.  
SO Journal of neuroscience : official journal of the Society for Neuroscience, (1997 Apr 15) 17 (8) 2703-12.  
Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 85 OF 118 MEDLINE on STN  
TI Functional expression of the heteromeric "olfactory" cyclic nucleotide-gated channel in the hippocampus: a potential effector of synaptic plasticity in brain neurons.  
SO Journal of neuroscience : official journal of the Society for Neuroscience, (1997 Mar 15) 17 (6) 1993-2005.  
Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 86 OF 118 MEDLINE on STN  
TI Regulation of \*\*\*cyclic\*\*\*  
\*\*\*nucleotide\*\*\* -gated \*\*\*channels\*\*\*

and membrane excitability in olfactory \*\*\*receptor\*\*\* cells by carbon monoxide.  
SO Journal of neurophysiology, (1995 Oct) 74 (4) 1498-508.  
Journal code: 0375404. ISSN: 0022-3077.  
(Investigators: Shepherd G M, Yale U, New Haven, CT)

L3 ANSWER 87 OF 118 MEDLINE on STN  
TI Two alternatively spliced forms of the cGMP-gated channel alpha-subunit from cone photoreceptor are expressed in the chick pineal organ.  
SO Journal of neuroscience : official journal of the Society for Neuroscience, (1996 Dec 1) 16 (23) 7458-68.  
Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 88 OF 118 MEDLINE on STN  
TI \*\*\*Cyclic\*\*\* \*\*\*nucleotide\*\*\* -gated \*\*\*channels\*\*\* in identified human olfactory \*\*\*receptor\*\*\* neurons.  
SO European journal of neuroscience, (1996 Oct) 8 (10) 2080-9.  
Journal code: 8918110. ISSN: 0953-816X.

L3 ANSWER 89 OF 118 MEDLINE on STN  
TI A putative cyclic nucleotide-gated channel is required for sensory development and function in C. elegans.  
SO Neuron, (1996 Oct) 17 (4) 695-706.  
Journal code: 8809320. ISSN: 0896-6273.

L3 ANSWER 90 OF 118 MEDLINE on STN  
TI Rat hippocampal neurons express genes for both rod retinal and olfactory cyclic nucleotide-gated channels: novel targets for cAMP/cGMP function.  
SO Proceedings of the National Academy of Sciences of the United States of America, (1996 Sep 17) 93 (19) 10440-5.  
Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 91 OF 118 MEDLINE on STN  
TI Block of \*\*\*cyclic\*\*\*  
\*\*\*nucleotide\*\*\* -gated \*\*\*channels\*\*\* in salamander olfactory \*\*\*receptor\*\*\* neurons by the guanylyl cyclase inhibitor LY83583.  
SO Journal of neurophysiology, (1995 Dec) 74 (6) 2759-62.  
Journal code: 0375404. ISSN: 0022-3077.

L3 ANSWER 92 OF 118 MEDLINE on STN  
TI Calcium-dependent modulation of the agonist affinity of the mammalian olfactory cyclic nucleotide-gated channel by calmodulin and a novel endogenous factor.  
SO Journal of membrane biology, (1996 Jul) 152 (1) 13-23.  
Journal code: 0211301. ISSN: 0022-2631.

L3 ANSWER 93 OF 118 MEDLINE on STN  
TI Modulation by cyclic GMP of the odour sensitivity of vertebrate olfactory receptor cells.

SO Proceedings of the Royal Society of  
London. Series B. Biological sciences,  
(1996 Jun 22) 263 (1371) 803-11.  
Journal code: 7505889. ISSN: 0962-8452.  
(Investigators: Shepherd G M, Yale U, New  
Haven, CT)

L3 ANSWER 94 OF 118 MEDLINE on STN  
TI A calcium-permeable cGMP-activated cation  
conductance in hippocampal  
neurons.  
SO Neuroreport, (1995 Sep 11) 6 (13) 1761-5.  
Journal code: 9100935. ISSN: 0959-4965.  
(Investigators: Shepherd G M, Yale U, New  
Haven, CT)

L3 ANSWER 95 OF 118 MEDLINE on STN  
TI The permeation of organic cations through  
cAMP-gated channels in mammalian  
olfactory receptor neurons.  
SO Journal of membrane biology, (1995 Jul)  
146 (2) 177-91.  
Journal code: 0211301. ISSN: 0022-2631.

L3 ANSWER 96 OF 118 MEDLINE on STN  
TI Vasoactive intestinal peptide elevates  
pinealocyte intracellular calcium  
concentrations by enhancing influx:  
evidence for involvement of a cyclic  
GMP-dependent mechanism.  
SO Molecular pharmacology, (1995 May) 47 (5)  
923-33.  
Journal code: 0035623. ISSN: 0026-895X.

L3 ANSWER 97 OF 118 MEDLINE on STN  
TI Localization of regions affecting an  
allosteric transition in cyclic  
nucleotide-activated channels.  
SO Neuron, (1995 Apr) 14 (4) 857-64.  
Journal code: 8809320. ISSN: 0896-6273.

L3 ANSWER 98 OF 118 MEDLINE on STN  
TI \*\*\*Cyclic\*\*\* \*\*\*nucleotide\*\*\* -  
gated ion \*\*\*channels\*\*\* and  
sensory transduction in olfactory  
\*\*\*receptor\*\*\* neurons.  
SO Annual review of biophysics and  
biomolecular structure, (1994) 23 577-607.  
Ref: 130  
Journal code: 9211097. ISSN: 1056-8700.

L3 ANSWER 99 OF 118 MEDLINE on STN  
TI The \*\*\*cyclic\*\*\* \*\*\*nucleotide\*\*\*  
gated \*\*\*channel\*\*\* of  
olfactory \*\*\*receptor\*\*\* neurons.  
SO Seminars in cell biology, (1994 Feb) 5  
(1) 39-46. Ref: 34  
Journal code: 9007587. ISSN: 1043-4682.

L3 ANSWER 100 OF 118 MEDLINE on STN  
TI \*\*\*Cyclic\*\*\* \*\*\*nucleotide\*\*\* -  
gated \*\*\*channels\*\*\* of rat  
olfactory \*\*\*receptor\*\*\* cells:  
divalent cations control the  
sensitivity to cAMP.  
SO Journal of general physiology, (1994 Jan)  
103 (1) 87-106.  
Journal code: 2985110R. ISSN: 0022-1295.

L3 ANSWER 101 OF 118 MEDLINE on STN

TI Potassium channel inactivation peptide  
blocks cyclic nucleotide-gated  
channels by binding to the conserved pore  
domain.  
SO Neuron, (1994 Mar) 12 (3) 655-62.  
Journal code: 8809320. ISSN: 0896-6273.

L3 ANSWER 102 OF 118 MEDLINE on STN  
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\*\*\*cyclic\*\*\*  
\*\*\*nucleotide\*\*\* -activated  
\*\*\*channel\*\*\* of rat olfactory  
\*\*\*receptor\*\*\* neurons.  
SO Nature, (1994 Apr 7) 368 (6471) 545-8.  
Journal code: 0410462. ISSN: 0028-0836.

L3 ANSWER 103 OF 118 MEDLINE on STN  
TI Odorant receptors activated by amino  
acids in sensory neurons of the  
channel catfish *Ictalurus punctatus*.  
SO Journal of general physiology, (1993 Dec)  
102 (6) 1085-105.  
Journal code: 2985110R. ISSN: 0022-1295.

L3 ANSWER 104 OF 118 MEDLINE on STN  
TI Nonlinear amplification by calcium-  
dependent chloride channels in  
olfactory receptor cells.  
SO Nature, (1993 Nov 18) 366 (6452) 283-6.  
Journal code: 0410462. ISSN: 0028-0836.

L3 ANSWER 105 OF 118 MEDLINE on STN  
TI Rapid application and removal of second  
messengers to cyclic  
nucleotide-gated channels from olfactory  
epithelium.  
SO Proceedings of the National Academy of  
Sciences of the United States of  
America, (1993 Oct 15) 90 (20) 9335-9.  
Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 106 OF 118 MEDLINE on STN  
TI \*\*\*Cyclic\*\*\* \*\*\*nucleotide\*\*\* -  
activated \*\*\*channels\*\*\* in carp  
olfactory \*\*\*receptor\*\*\* cells.  
SO Biochimica et biophysica acta, (1993 Jul  
25) 1150 (1) 63-72.  
Journal code: 0217513. ISSN: 0006-3002.

L3 ANSWER 107 OF 118 MEDLINE on STN  
TI Contribution of the ciliary cyclic  
nucleotide-gated conductance to  
olfactory transduction in the salamander.  
SO Journal of physiology, (1993 Mar) 462  
175-96.  
Journal code: 0266262. ISSN: 0022-3751.

L3 ANSWER 108 OF 118 MEDLINE on STN  
TI Divalent cations block the \*\*\*cyclic\*\*\*  
\*\*\*nucleotide\*\*\* -gated  
\*\*\*channel\*\*\* of olfactory  
\*\*\*receptor\*\*\* neurons.  
SO Journal of neurophysiology, (1993 May) 69  
(5) 1758-68.  
Journal code: 0375404. ISSN: 0022-3077.

L3 ANSWER 109 OF 118 MEDLINE on STN  
TI Molecular neurobiology of olfaction.  
SO Critical reviews in neurobiology, (1993)  
7 (1) 1-22. Ref: 132  
Journal code: 8710803. ISSN: 0892-0915.

L3 ANSWER 110 OF 118 MEDLINE on STN  
TI Intracellular Ca2+ regulates the  
sensitivity of \*\*\*cyclic\*\*\*  
\*\*\*nucleotide\*\*\* -gated  
\*\*\*channels\*\*\* in olfactory \*\*\*receptor\*\*\*  
neurons.  
SO Neuron, (1992 Nov) 9 (5) 897-906.  
Journal code: 8809320. ISSN: 0896-6273.

L3 ANSWER 111 OF 118 MEDLINE on STN  
TI Ligand-activated ion channels may share  
common gating mechanisms with the  
Shaker potassium channel.  
SO FEBS letters, (1992 Oct 19) 311 (2) 81-4.  
Journal code: 0155157. ISSN: 0014-5793.

L3 ANSWER 112 OF 118 MEDLINE on STN  
TI Properties of cyclic nucleotide-gated  
channels mediating olfactory  
transduction. Activation, selectivity,  
and blockage.  
SO Journal of general physiology, (1992 Jul)  
100 (1) 45-67.  
Journal code: 2985110R. ISSN: 0022-1295.

L3 ANSWER 113 OF 118 MEDLINE on STN  
TI Control of ligand specificity in cyclic  
nucleotide-gated channels from rod  
photoreceptors and olfactory epithelium.  
SO Proceedings of the National Academy of  
Sciences of the United States of  
America, (1991 Nov 1) 88 (21) 9868-72.  
Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 114 OF 118 MEDLINE on STN  
TI Analysis of single \*\*\*cyclic\*\*\*  
\*\*\*nucleotide\*\*\* -gated  
\*\*\*channels\*\*\* in olfactory  
\*\*\*receptor\*\*\* cells.  
SO Journal of neuroscience : official  
journal of the Society for  
Neuroscience, (1991 Nov) 11 (11) 3573-80.  
Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 115 OF 118 MEDLINE on STN  
TI Single odor-sensitive channels in  
olfactory receptor neurons are also  
gated by cyclic nucleotides.  
SO Journal of neuroscience : official  
journal of the Society for  
Neuroscience, (1991 Nov) 11 (11) 3565-72.  
Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 116 OF 118 MEDLINE on STN  
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SO Journal of steroid biochemistry and  
molecular biology, (1991 Oct) 39 (4B)  
633-7. Ref: 12  
Journal code: 9015483. ISSN: 0960-0760.

L3 ANSWER 117 OF 118 MEDLINE on STN  
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\*\*\*nucleotide\*\*\* -activated ion  
\*\*\*channel\*\*\*  
activity in olfactory \*\*\*receptor\*\*\*  
cell soma membrane.  
SO Neuroscience research. Supplement :  
official journal of the Japan  
Neuroscience Society, (1990) 12 S113-26.  
Journal code: 8508422. ISSN: 0921-8696.

L3 ANSWER 118 OF 118 MEDLINE on STN  
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activated \*\*\*channels\*\*\* in the  
frog olfactory \*\*\*receptor\*\*\* plasma  
membrane.  
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Journal code: 0155157. ISSN: 0014-5793.

=> log y  
COST IN U.S. DOLLARS  
SINCE FILE TOTAL

ENTRY	SESSION
FULL ESTIMATED COST	
7.04	7.46

STN INTERNATIONAL LOGOFF AT 09:39:25 ON 27 MAY  
2004